

# Harsimran Singh

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## SUMMARY

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- Versatile software developer with over 3 years of experience in **web application development**.
- Collaborative team player with demonstrated track record of communication and effectively working with cross-functional teams to achieve project goals.
- Highly Motivated technical professional with an understanding of different **software development lifecycles** and methodologies.
- Recognized for performance excellence and contributions to success in **software product development**.

## TECHNICAL SKILLS

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**Programming Skills:** HTML, CSS, JavaScript, C, C++, Java, PHP, Python

**Frameworks:** React, Spring Boot, BootStrap, Flutter, Lumen, JUnit,

**Databases:** SQL, MySQL, MongoDB, PostgreSQL

**Cloud Platforms & Enterprise Tools:** Amazon AWS, Azure, MS Office Suite (Advance Excel), Git, Jira, Firebase, Apache Tomcat

**Development Environment:** Windows, Linux, Visual Studio, JetBrains, IntelliJ

**Others:** Git, CI/CD, Jenkins, Travis CI, Agile (Scrum), Konga, Flask, Selenium, Jsoup

## EDUCATION

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**Master of Applied Computer Science**

University of Windsor, Windsor, ON

Sep 2022 – Present

**GPA: 83/100**

- Coursework complete August 2023. Available to start 4-8 months internship in September 2023.

**Bachelor of Engineering – Computer Science**

Chitkara University, Chandigarh, India

Aug 2015 - June 2019

**GPA: 84/100**

**Achievement:** Held position of **President** and **Technical Team Lead** within Google Student Developer Club, where lead a team in developing facility management projects.

## PROFESSIONAL EXPERIENCE

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**Software Developer**

247 Software, Pune, India

Sep 2018 - June 2022

**Stack:** Javascript, React, NodeJs, Java, Spring Boot, MongoDB, SQL, PHP (Lumen), Git, Jira, AWS

- Worked on 6 projects (end-to-end and POCs) to deliver a highly functional and scalable **SaaS-based web platform**, with a focus on creating intuitive and engaging user experiences.
- Engaged in Agile/Scrum development, actively participating in sprint planning, daily stand-ups, and retrospectives.
- Developed **Cross Platform Notification services**, **Working Schedule Calendar Layouts**, **PDF Report Generation**, and **Export Excel Services** using React and NodeJs.
- Revised, modularized, and updated old code bases to modern development standards, reducing operating costs by 20% and improving functionality of platform.

- Deployed APIs on **Amazon EC2** instances utilizing Spring Boot, resulting in improved efficiency and seamless data sharing.
- Successfully automated the **website localization process** leveraging **GitHub** and **Transifex**, reducing manual effort and significantly improving the turnaround time for launching new language versions.

## ACADEMIC PROJECTS

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### Used Car Price Prediction

Jan 2023 - April 2023

University of Windsor, Canada

**Technologies:** React, Python, MongoDB, Git

<https://github.com/Harsimran1308/used-car-price-prediction>

- Led a collaborative team of four members in developing a dynamic web application, designed to enable users to efficiently **predict car prices** by inputting parameters such as model, mileage, brand, and engine specifications.
- Created a **Python Web Scraper** to extract relevant data from multiple car websites, subsequently applying a **neural network model** to accurately predict car prices based on collected data.
- Leveraged React to create web-based front-end, employed **Python FastAPI** to build the RESTful API, and adopted the Model-View-Controller (MVC) design pattern to facilitate development of a robust and maintainable application.

### Smart Device Management

Sep 2022 - Dec 2022

University of Windsor, Canada

**Technologies:** Flutter, Python, Java, MySql, MongoDB, Git

<https://github.com/sdmuwindsor>

- Collaborated with team of 6 members to devise mobile application for user to maintain and **check working condition** of different **smart devices**.
- Applied **Flutter** to develop cross-platform mobile apps and **Python** to build and train model for detecting any anomalies in smart device.
- Facilitated use of different **software development methodologies** for product development, deployed Jira for project management and git for version control and collaboration.

### Algorythm

Jul 2017 - Oct 2017

Chitkara University, India

**Technologies:** Java, JDBC, SQL

<https://github.com/Harsimran1308/Algorythm>

- Built a **cross-functional desktop application** deployed for maintaining participant databases of college cultural fest, reducing 100% of manual work of searching and checking participant data.
- Integrated **report generation** and **MS Excel generation** of data to be further evaluated by department heads.

## AWARDS AND ACHIEVEMENTS

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- Received "**Newbie Star**" from Engineering Director for **outstanding performance** as a new employee and taking initiatives for performance optimization of Mongo databases.
- **President** of 3CTECH (Coding Club) at **Chitkara University** in 2017.
- Member of the **University Coding Academy** at **Chitkara University** in 2016.